SPRING 1983

TEXAS INSTRUMENTS
HOME COMPUTER NEWSLETTER

PUBLISHED FOR TI-99/4A USERS AND TI COMPUTER ADVANTAGE CLUB MEMBERS

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ON THE COVER

MODIFIED KEYBOARD EXPANDS HORIZONS FOR HANDICAPPED

When Fort Worth resident, Jack Kishpaugh, got together with Lubbock TI engineer, Lee Kitchens, magic resulted. Not the type that causes rabbits to spring from hats, however. Rather, these two gentlemen created an innovation which produces magic-like results in the hands of the handicapped.

Kishpaugh and Kitchens developed a unique TI-99/4A modification which enables many handicapped people to accomplish a previously impossible feat—communicating with the written word.

Thanks to this milestone in Home Computer technology, a handicapped person can now break through the barrier which once prevented written communication.

With the help of this special keyboard, people with limited use of their hands and arms are no longer limited in what they can produce in written form. The handicapped user can now write messages and letters, produce manuscripts and complete just about any form of written communication, as well as compose music, with considerable ease and accuracy.

By applying the "Alpha Lock" key feature to the "Shift," "Function," and "Control" keys, the Home Computer keyboard can be successfully modified to allow full computer operation, even though the handicapped user can only input information one key at a time.

When using the standard TI-99/4A keyboard, two keys must be pressed down simultaneously in order to perform certain functions. For example, the "Function" and "1" keys must be pressed at the same time in order to delete a letter.

With the modified keyboard, this process is simplified. All the user needs to do is press the function key, automatically putting it in a lock position, and then press the "1" key to delete a letter.

For the handicapped user who can operate the computer only by typing one key at a time, this simple modification is quite revolutionary. It opens a world to the handicapped like no other product can. And it enables handicapped people to do many things that they could never before do.

This modification brings the task of writing a name, for example, which most people take for granted, well within the realm of the handicapped person who must ordinarily labor over such a task. For the handicapped person, the result is nothing short of magic.

It all began when Kishpaugh orchestrated the National Paraplegia Foundation's (NPF) entry to the first John Hopkins National Search for Personal Computer Aids for the Handicapped contest in 1981.

The entry was designed to allow computer use by severly handicapped persons who could only rely on the use of a headpointer or mouthstick for computer operation. The entry was among one of the top 30 awarded nationally.

Later collaboration with Kitchens led to the development of the modified keyboard for the handicapped.

Seeing a need for such a product, Texas Instruments is now pioneering special limited production of the keyboard to allow more people to benefit from its capabilities.

The modified keyboard also can increase the handicapped person's productivity. Employers may find a rich resource in this area. The handicapped person can work on the TI-99/4A at home.

The modified keyboard is not available at the retail level. To acquire one of these special keyboards, an individual must submit a written request and statement of need to Texas Instruments.

Requests will be screened to determine the level of need. Only those individuals with a true need will qualify for one of these special keyboards.

You may send your letters to Texas Instruments, Consumer Relations, c/o Tom Shields, P.O. Box 10508, MS 5828, Lubbock, TX 79408.

Research on other products which can aid the handicapped is being done continuously at Texas Instruments. Ideas are always welcome.

"It opens a world to the handicapped like no other product can."

Jack Kishpaugh demonstrating his award winning modifications.
The modifications include a special plastic ramp which enables an individual to push a diskette up the ramp and into the drive with a mouth stick.

AUSTRALIAN USER ENJOYS PROGRAMMING

An industrious lady indeed, is one way of describing 27-year-old Anne Plenderleith from Western Australia.

Anne is a young programmer who uses the TI-99/4 Home Computer to write musical programs, play computer games and experiment with progams in TI BASIC.

Anne is an athetoid spastic quadriplegic. She operates the computer with the aid of a headpointer. A modification of her computer keyboard was designed in Australia to enable Anne to use the Home Computer.

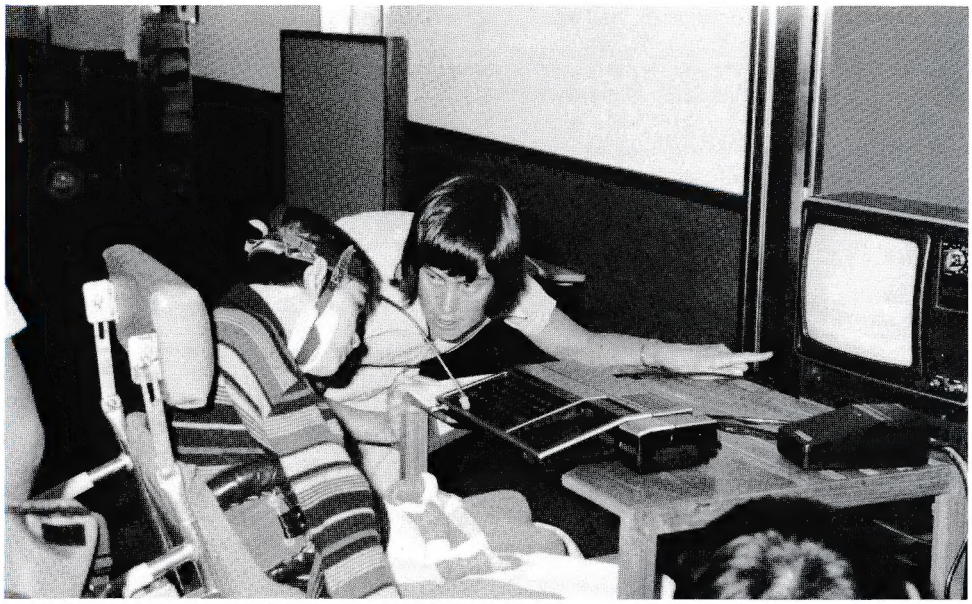
By mounting a small lever in place of the TI-99/4 earphone socket, Anne can operate the computer with the headpointer. The switch provides a shift-lock function.

The switch enables necessary keys to lock when needed, for example, to allow her to insert a character without the need to press two keys simultaneously. This allows her to operate the computer while entering only one key at a time.

The computer has given Anne a sense of continuing interest and a sense of achievement.

She enjoys the computer and has become a member of a small Computer Club at the Sir David Brand Center in Mount Lawley Australia.

There's no telling the extent of the wonders that this young lady will produce with the aid of her computer. For the time being she is content writing her songs, learning to program and enjoying the entertainment which is available to her via the TI Home Computer.



COMPUTER DYNAMO DEVELOPS TECHNOLOGY AT HOME

Working to make sure that modern technology doesn't forget about the handicapped is a major impetus in the life of Jack Kishpaugh.

This man of determination and dedication believes that computers are "a natural for the handicapped."

With the use of the computer, the handicapped person can do many things that he could never do before, says Kishpaugh.

The computer enables the handicapped person to communicate in written form, for example. It can be used to help the homebound access information from faraway information banks, or it can provide the handicapped with the opportunity for educational enrichment within the home.

As the result of an accident 11 years ago, Kishpaugh is now a quadriplegic. He regularly uses his Home Computer and says "I couldn't live without it."

Work with the National Paraplegia Foundation (NPF) led Kishpaugh to design a "Mobile Computer Skills Evaluation Unit."

The unit was developed to demonstrate that handicapped people can be trained on the use of computers and then be gainfully employed, working on computer terminals located within their own homes.

"The computer is a tool for the handicapped person which engages the mind in a stimulating way; it's not just an instrument for use as a toy," he says.

Kishpaugh is enthusiastic about the TI-99/4A which, he says, has a design which makes powerful technology simple to use, and which is very adaptable for people with the type of handicap which makes normal computer operation impossible. Kishpaugh notes that the spring loaded disk drive and the built-in ramp for loading cartridges are perfectly suited for the handicapped user.

By working to achieve modifications like the one that resulted in the modified TI-99/4A keyboard, Kishpaugh plans to insure that the handicapped likewise benefit from new technology.

Certainly the dawning of Home Computer technology has much in store for everyone, and thanks to these marvels in technology, (and a modification here and there), the handicapped won't be left behind.

NEW MANUAL AVAILABLE FOR COMPUTER BUFFS

A new TI-99/4A Console and Peripheral Expansion System Technical Data manual is now available.

The manual is particularly useful for people interested in developing their own hardware and software.

The schematics on the 99/4A and Peripheral Expansion System, file management specifications, interface considerations, and device service routine specifications are given in the manual.

Also included is information on memory mapping, I/O pin descriptions, timing routines, and CRU mapping.

The manual is available from the TI Dealer Parts Department, P.O. Box 53, Lubbock, TX 79408. The cost is $25. Please include $2 for shipping, plus the state tax applicable in your area.

SAFETY NOTICE

Below is a reproduction of the letter that was mailed to all TI-99/4 and TI-99/4A owners. If you have not received your copy of the letter from TI, please call any of the following toll-free numbers to receive instructions and an adapter: 1-800-858-4565, 1-800-858-4069, 1-800-858-1802, or 1-800-527-3550.

Dear TI-99/4A Home Computer Owner:

We at Texas Instruments consider the quality and safety of our products to be our top priority. Therefore, we want you to know that recent tests conducted by Texas Instruments indicate that the AC9500 and AC95000 power transformers shipped with the TI-99/4A Home Computer have a potential defect. Under certain unusual conditions, transformer failure could subject a computer operator to electrical shock.

Although we have received no reports of incidents of this kind, a safety adapter is enclosed for protection against the remote possibility of hazard for most types of power transformers.

You will not have to return your computer or your transformer. The safety adapter is simple to install, as shown in the enclosed installation instructions. Please follow these instructions as you attach the adapter.

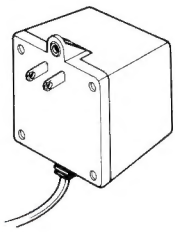
You may have the type of power transformer whose adapter box plugs directly into the wall (shown below). If so, do not use the safety adapter. Call one of the toll-free numbers listed for more information.

Let us emphasize that, in normal usage, it is extremely unlikely that the conditions for a shock hazard would arise. However, for additional protection we encourage you to take the precautions described in the enclosed instructions.

We value you as our customer and hope that your TI-99/4A Home Computer will continue to be a valuable and enjoyable tool for you and your family.

Thank you for your cooperation.

TYPE A



PERSONAL TAX PLAN ENDS TAX TIME FRUSTRATION

If you're trying to gear yourself up for another season of seemingly endless nights of tax computing, TI may have the answer for you.

Personal Tax Plan (PTP) is now available.

The two-diskette package has a suggested retail price of $99.95 and is written in UCSD Pascal*.

The package was developed by Aardvark Software. Aardvark was incorporated by a group of certified public accountants with more than 17 years of experience in one of the nation's largest public accounting firms.

PTP was developed with the expertise of these accountants specifically for the TI Home Computer user.

The program performs comprehensive, tedious tax planning calculations within seconds. You can input a variety of income and expense items and isolate the tax effects attributable to changes in one or more of these items.

The program automatically computes:

- Federal tax liability for 1981 and later (using appropriate tax tables/rate schedules, income averaging, maximum tax on earned income, and the "Special Rule" for Post 6/9/81 qualified net capital gain), with selection of the lowest tax due.
- Add-on minimum and alternative minimum tax, including the 1981 limitation on qualified net capital gain.
- Two-earner married couple deductions for 1982 and later.
- Fifty percent charitable contributions, medical expenses, and capital loss limitations.
- Capital gain deductions.

The program also has the ability to:

- Show the tax effects of changes in income and/or expense items.
- Print inputted data, listing only the items for which data has been input.
- Display results on the screen and/or print results in a letter format suitable for permanent records.
- Save tax plans on diskette for future change or review.

Up to five tax scenarios can be calculated simultaneously for any one tax year. Or, one scenario may be projected for up to five years.

A printer option segment for printing with a serial or parallel printer is another feature of PTP. The program is not designed for results to be printed on a standard tax form.

An "Input Reference Guide" is included with PTP which lists various sources of Income, Deductions, Additional Taxes, Credits, Other Taxes, Payments, Schedule G, Form 4625 - Minimum Tax, Form 4726-Maximum Tax, and Form 6251 - Alternative Minimum Tax.

Personal Tax Plan requires the TI-99/4 or TI-99/4A console and monitor (or television and adapter), Peripheral Expansion System, P-code Card, Disk Memory System and Memory Expansion Card.

With the addition of the RS-232 Interface Card and a compatible printer, results can be obtained in printed form.

*A trademark of the Regents of the University of California.

PERSONAL TAX PLAN
CALCULATION RESULTS

ALTERNATIVE	1
FILING STATUS	1
# OF EXEMPTIONS	1
WAGES, SALARIES	35000
INT. AFTER EXCLU.	0
DIV. AFTER EXCLU.	0
CAPITAL GAIN/LOSS	0
P'SHIP INC./LOSS	5000
OTHER INC./LOSS	1200
TOTAL INCOME	41200
ADJUST. TO INCOME	0
ADJ. GROSS INCOME	41200
MED. & DENTAL EXP.	0
STATE INC TAXES	1000
OTHER TAXES	0

PRESS ENTER TO CONTINUE

PERSONAL TAX PLAN
CALCULATION RESULTS

ALTERNATIVE	1
INTEREST EXPENSE	3000
CHAR. CONTRIB.	400
CASUALTY LOSS	0
MISCELLANEOUS	0
TOTAL DEDUCTIONS	4400
ZERO BRACKET AMT.	2300
EXCESS ITEM. DED.	2100
SUBTOTAL	39100
EXEMPTIONS	1000
TAXABLE INCOME	38100
TAX-TAX TBLES/XYZ	11592
TAX-QUAL CAP GAIN	** N/A
TAX-INC. AVG.	10461
TAX-MAXIMUM TAX	** N/A
TAX SELECTED	10461

PRESS ENTER TO CONTINUE

PERSONAL TAX PLAN
CALCULATION RESULTS

ALTERNATIVE	1
ADDITIONAL TAXES	0
GROSS REGULAR TAX	10461
CREDITS	0
NET REGULAR TAX	10461
MINIMUM TAX	0
ALT. MINIMUM TAX	0
OTHER TAXES	0
TOTAL TAX LIAB.	10461
FEDERAL PAYMENTS	4800
BAL. DUE (REFUND)	5661
TAX BRACKET	39

** NOT APPLICABLE

PRESS ENTER TO CONTINUE

Shown above is a sample of calculated results as they would appear on three consecutive screens. The categories on the left illustrate the various tax inputs. The numbers on the right are the calculation results.

LEARNING TO PROGRAM

If you've already taken the TI Computer Awareness Course for adults, you've probably learned that using a Home Computer is as simple as it is versatile.

With use of numerous types of software now available, just about any type of application is possible. Teaching math and reading skills to the young, developing an extensive budget for the family, and providing arcade-style entertainment for friends, are a few possibilities at your disposal.

While pre-programmed software can fulfill many needs, a way of customizing computer programs to fit a specific need is to write your own programs. With a knowledge of computer programming, the door to a new world of program application is opened to you.

By enrolling in a new course currently offered through the TI Computer Advantage Club, you can learn the basics of programming which can get you on the road to creating and writing your own programs.

The course, BASIC Programming for Adults, is the newest of the TI Computer Advantage Club courses.

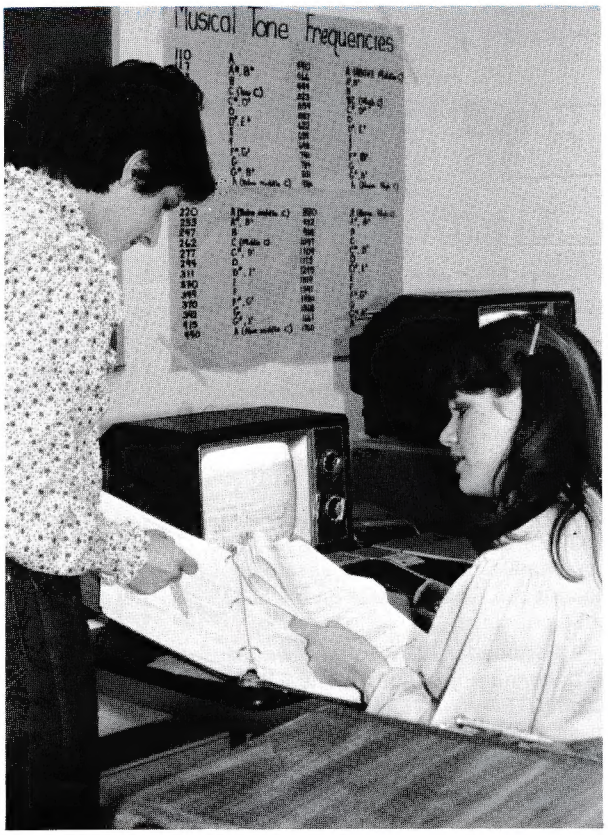
This class focuses on TI BASIC commands and statements. Students are taught the logic behind using various commands and statements to create a desired program.

With the aid of an instructor and a workbook, students actually run programs on class - assigned computers.

Students are introduced to graphics, problem solving, flow charting and practical applications programs. Experimenting with this type of programming helps the student apply the principles to fit his/her own needs.

In no time at all, students can begin to create programs of their own design. The course is enjoyable and individualized. It can be beneficial to both students with little or no knowledge of programming, and also, to students familiar with programming who want to learn about programming in TI BASIC.

Cost for the course is $75 per adult. Special family rates are available. Information about registration, class schedules, cost and curriculum can be obtained by calling the TI Computer Advantage Club toll-free number; 1-800-858-4069. Texas residents call 1-800-692-1318. Lines are open from 8 a.m. to 8:30 p.m. Monday through Friday, Central Standard Time (CST), and from noon to 4:30 p.m. CST Saturday and Sunday.



COMPUTER CLASSES FUN FOR EVERYONE

TICAC brings computer fun to every member of the family through enjoyable and challenging courses designed to teach computer skills to all.

For the young, the Texas Instruments Computer Advantage Club (TICAC) offers three courses of computer fun. The first course is the **CHILDREN'S AWARENESS** for 8- to 15-year-olds. This is a 10 - hour - hands - on introduction to the TI-99/4A Home Computer.

Enough instruction is given to enable the students to begin creating programs, even if they've never used a computer before.

Included in this introduction is a presentation of computer hardware and software, basic computer operation, and computer-related terminology.

An elementary introduction to TI LOGO and TI BASIC also is covered in the Awareness Course.

The second course for 8- to 15-year-olds is **PROGRAMMING DISCOVERY IN TI LOGO.** This course is for beginning programmers. The Children's Awareness Course is not a prerequisite to Programming Discovery in TI LOGO; however, it is recommended that the Awareness course be taken first.

Discovery in TI LOGO provides a study of the essential commands for TI LOGO use. TI LOGO is a child-appropriate language developed at the Massachusetts Institute of Technology.

With TI LOGO, children can draw pictures and create shapes by using simple English commands. Geometrically oriented shapes and animated graphics can be created also.

The third class available for 8- to 15-year-olds is **PROGRAMMING DISCOVERY IN TI BASIC.** This class focuses on TI BASIC commands and statements. With the aid of a workbook, young programmers run programs on class computers. An instructor teaches the principles of commands and statements necessary to program in TI BASIC.

CONTINUED ON PAGE 6

"about 6 weeks ago I made a procedure called "LIKE." IT LISTS all the names of the people I LIKE over and over that's why I like TI LOGO"

-TI LOGO STUDENT

CONTINUED FROM PAGE 5

"I like TI LOGO because you can make any shape you want. You can make lots of neat procedures"

—TI LOGO STUDENT

Like the Children's Awareness Course, Programming Discovery in TI LOGO and Programming Discovery in TI BASIC are each 10-hour courses. The courses are taught in four sessions of 2½ hours each. The registration fee is $65 per child per class.

For adults, TICAC offers two classes of computer introduction. The **ADULT COMPUTER AWARENESS PROGRAM** gives a general overview of computer use and terminology.

Students explore the various parts of the computer system and learn associated terminology.

Methods of storing information for future use are taught, as is the use of various software packages.

The course also covers different areas of telecommunications such as sending information from one computer to another and accessing information from large computer Data Bases such as The Source SM *.

The class provides a very good introduction for adults who are trying to decide whether a Home Computer is for them. It also is valuable for people simply interested in learning more about Home Computers.

The second course available for adults is **BASIC PROGRAMMING FOR ADULTS.** The course teaches the user the basics of computer programming. A study of programming commands and statements is emphasized.

Both adult courses are taught in four 2½-hour sessions. The registration fee is $75 per adult per class.

Information about registration, class schedules, cost and curriculum can be obtained by calling the TI Computer Advantage Club toll-free number, 1-800-858-4069. Texas residents call 1-800-692-1318. Lines are open from 8 a.m. to 8:30 p.m. Central Standard Time (CST), Monday-Friday, and from noon to 4:30 p.m. CST Saturday and Sunday.

* Servicemark of The Source Telecomputing Corporation

SENIORS ELIGIBLE FOR "GOLDEN AGE" DISCOUNT

If you are over the age of 65 and interested in learning about computers take note: this is the opportunity for you.

The TI Computer Advantage Club is now making it possible for senior citizens to sign up for any TICAC course at half of the price normally charged to the general public.

You can learn all about the TI-99/4A or you can step right into programming in BASIC for $37.50 a course.

This price qualifies you to take part in one of two 10-hour computer courses for adults.

The courses are taught over a four-day period in 2½ hour sessions. Call toll-free (1-800-858-4069) for information about registration, class schedules and curriculum. In Texas call 1-800-692-1318. Why not telephone today?

TICAC "SPECIAL OFFER"

TICAC members, here's your chance to enroll in that second computer course that you've been thinking of taking, plus, receive a TI 99/4A Dust Cover and Cartridge Holder--Free!

All you have to do to receive your free gifts is enroll in any course between March 1 and July 31, 1983. To enroll, complete the registration form below and mail it to: TICAC, P.O. Box 10508, MS 5898, Lubbock, TX 79408.

When your registration form is received, a TI operator will telephone you to help you select a course starting date and a site nearest to you.

This special offer is open to TICAC members and their families. Take advantage of this special offer NOW.

TICAC "SPECIAL OFFER" REGISTRATION FORM

NAME_____ MEMBER NO._____

ADDRESS _____

CITY_____STATE_____ZIP_____

PHONE: AREA CODE ( )_____

Please enroll me in the course(s) that I have checked below:

☐ Children's Awareness Course, for ages 8-15. $65
☐ Programming Discovery in TI LOGO, for ages 8-15. $65
☐ Programming Discovery in TI BASIC, for ages 8-15. $65
☐ Adult Computer Awareness Program. $75
☐ Basic Programming For Adults. $75

Payment by: ☐ Check ☐ Money Order
☐ Mastercard/VISA
Card#_____Exp. Date_____
Signature_____

Parent's name (if enrolling child):_____

NOTE: Offer valid only with mail-in registration. Check, money order, or credit card information must accompany your registration form. For additional information call toll-free 1-800-858-4069, in Texas call 1-800-692-1318. Please allow 6 weeks for delivery of the TI 99/4A Dust Cover and Cartridge Holder. All other TICAC special offers and discounts do not apply. Members must pay full course price to qualify. For additional order forms call the toll-free number above.

TICAC BYTES

Look in the next issue of the TICAC newsletter for information on new courses now being developed to begin in the second half of 1983: Microsoft™-Multiplan™*, TI-Writer, and a special class for pre-schoolers.

*Trademark of the Microsoft Corp.

* * *

Here's good news for all participants of the TICAC BASIC courses for adults and children. To replace the temporary class books released for class start-ups, handsome permanent workbooks will be available soon.

With your workbooks, you will receive a certificate of successful course completion with your instructor's signature. Keep an eye on your mailbox for your copy.

* * * *

Suggestions for the newsletter are always welcome. Write to TI, Home Computer Newsletter Editor, P.O. Box 10508, MS 5882, Lubbock, TX 79408.

USERS' GROUP NEWS

Ten Users' Groups have joined the ever growing list of 99/4A Home Computer Users' Groups. This brings the total number of 99/4A Users' Groups to 67.

Check upcoming issues of the Home Computer Newsletter for a complete list of all the active 99/4A Users' Groups.

The new Users' Groups are:

Atlanta 99/4A Computer Users' Group
P.O. Box 19841
Atlanta, GA 30325

San Gabriel Valley 99/4 Users' Group
1008 Dore St.
West Covina, CA 91712

Cleveland Area 99/4A Computer Users' Group
13771 Oakbrook Dr. #206
North Royalton, OH 44133

Lincolnland 99 Computer Group
P.O. Box 1434
Springfield, IL 62705

Capital Area Users' Group
P.O. Box 637 Fed. Sq. Sta.
Harrisburg, PA 17108-9998

Middle Tennessee Users' Group
P.O. Box 367
Estill Springs, TN 37330

C.O.N.N.I.
1456 Grandmin Ave.
Columbus, OH 43212

Georgia 99/4A Users' Group, Ltd.
P.O. Box 88464
Dunwoody, GA 30356

Southern California Computer Group
1643 Coronado Ave.
Spring Valley, CA 92071

East Central Illinois 99 Users' Group
3701 Tuttle
Danville, IL 61832

MATH GAMES AVAILABLE SOON

Three software packages are scheduled to be added to the Addison-Wesley Computer Math Games series in the second quarter of 1983. Computer Math Games I, III, and IV are scheduled to join Computer Math Games II and VI which are available already. The suggested retail price for each of the packages is $39.95.

Computer Math Games I is designed to teach mathematics for grade levels one to nine. Games I contains five math games which cover addition, subtraction, multiplication, division, ordered-pair plotting, and place values.

The first game, "Message," requires a player to decode a message by correctly answering math problems.

"Square-Off" is the familiar school game of 'Dots' where the player competes against the computer to form boxes by drawing lines within a grid of dots.

In "Dot-Dot-Plot," the player draws pictures by plotting coordinates on a grid.

"Math Boxes" is a game for two players. The object is to connect boxes containing math problems.

The last game, "Beans and Pits," is a strategy game for two players. The object is to fill your pit with beans.

Computer Math Games III features five math card games enhanced with colorful graphics. This package is designed for grade levels one to nine.

The game of "War" teaches number ordering within a sequence of whole numbers. Ordering is accomplished by choosing the higher of two cards.

"In-Between" helps players learn a higher form of number ordering by asking them to determine the numerical sequence of a three card display.

"Twenty-One" is the computer version of 'Black Jack' where players learn to add numbers quickly and efficiently.

The final card game in Computer Math Games III is "Zero." Addition of positive and negative numbers is the math skill taught in this game.

Computer Math Games IV utilizes special graphic effects and innovative games to teach various math skills. This package contains five math games for grades one to nine.

"Nim 25" is a game of strategy where the object is to claim the last of 25 blocks. One player competes against the computer and each takes a turn claiming 2 to 7 blocks until either the player or computer captures the last block.

"Math Darts" is an interesting variation of darts. Each player must answer math problems. The numbers used in the problems are determined by throwing darts at a number board. Scoring depends on accuracy and speed.

"500" is the Computer Math Game variation of the schoolyard baseball game of '500.' The screen displays a pitcher and batter. Every time a math problem is answered correctly, the batter hits the ball and scores points. The math problems include: 1) compact numerals, 2) expanded numerals, 3) place values, and 4) a random mixture of all three. Two or four players may play for the two teams.

"Woodchuck" is a dice game with an interesting twist. One to four players may participate and each player must answer a math problem which contains numbers determined by a roll of the dice. Both round scores and total scores are kept. Watch out though, because the woodchuck appears randomly and eats scores. The trick is to force your opponent to be playing when the woodchuck appears.

The final game in Computer Math Games IV is "Cover-Up." This game is for two players, and the object is to cover up squares on a game board by correctly answering addition or subtraction problems.

TI-99/4A SOFTWARE DIRECTORY ANNOUNCED

A comprehensive list of available software for the TI-99/4 and TI-99/4A Home Computers is scheduled to be available from Texas Instruments in May. The **TI-99/4A Software Directory (PHA 2619)** contains 1200 software packages from both TI and Third Party authors.

The directory contains abstracts of all the listed software programs as well as four different indexes. Programs can be located through the category index, TI category index, keyword index or author index. The program abstracts give a brief summary of the package and include the author's name and address, type of medium on which the package is available, and the peripheral requirements for using the package.

The directory is scheduled to be updated periodically to keep it current with the growing list of software available for the TI Home Computer.

Until the directory is out, you can get specific software information by writing to Third Party software authors.

TI software information can be obtained from local retailers or by calling the Consumer Software Line.

Check the next Home Computer Newsletter for TI-99/4A Software Directory purchasing information.

CONSUMER TRADE SHOW SCHEDULE

Listed below is a schedule of trade shows TI will be participating in through June. Look for us there!

8th WEST COAST COMPUTER FAIRE	MAR. 18-20	SAN FRANCISCO, CA
ST. LOUIS COMPUTER SHOW	APR. 21-23	ST. LOUIS, MO
WASHINGTON COMPUTER EXPO	MAY 5-8	WASHINGTON, D.C.
SAN DIEGO COMPUTER EXPO	MAY 12-15	SAN DIEGO, CA

HOTLINE DIRECTORY

CONSUMER HOTLINE
The Consumer Hotline is open from 8:00 a.m. to 5:15 p.m. Monday through Thursday and from 8:00 a.m. to 3:15 p.m. on Friday. The national number is 1-800-858-4565.

CONSUMER SOFTWARE LINE
Consumers unable to purchase software from local dealers can order software from TI by calling 1-800-858-4075 from 8:00 a.m. to 5:15 p.m. Monday through Thursday and from 8:00 a.m. to 3:15 p.m. on Friday.

CONSUMER TECHNICAL LINE
Home Computer users can call the technical line for questions about programming and applications. The line is open from 8:00 a.m. to 4:15 p.m. Monday through Thursday and until 3:15 p.m. on Friday. The direct number is 1-806-741-2663.

TI COMPUTER ADVANTAGE CLUB
Consumers can call the TICAC line for class information and to register for classes. The lines are open from 8:00 a.m. to 8:30 p.m. Monday through Friday and from Noon to 4:30 p.m. Saturday and Sunday. The national number is 1-800-858-4069.

All Hours are Central Standard Time.

TEXAS INSTRUMENTS

The Texas Instruments Home Computer Newsletter is published monthly for TI computer users.

Editorial questions and suggestions should be sent to TI, P.O. Box 10508, MS 5882, Lubbock, TX 79408, ATTN: Editor.

Inquiries about Home Computer Users' Groups should be sent to TI, P.O. Box 10508, MS 5890, Lubbock, TX 79408, ATTN: Users' Group Coordinator.

Third party software developers should direct all correspondance to TI, P.O. Box 10508, MS 5890, Lubbock, TX 79408, ATTN: Third Party Software Manager.

Past issues of the Home Computer Newsletter are not available. However, articles from the newsletter may be reprinted after receiving permission from the Users' Group Coordinator.

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